

PTO/SB/08A (08-03)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known

Application Number	10/743,077
Filing Date	December 23, 2003
First Named Inventor	Wilmont Howard
Art Unit	1753
Examiner Name	
Attorney Docket Number	2003

Sheet 1 of 4

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
D.J.	1	US- Pub. No.: US 2003/0082452 A1	05-01-2003	Atsushi	Entire document
D.J.	2	US- Pub. No.: US 2002/0114995 A1	08-22-2002	Thackery	Entire document
D.J.	3	US- Pub. No.: US 2003/0138699 A1	07-24-2003	Kweon	Entire document
D.J.	4	US- 5,981,106	11-09-1999	Amine	Entire document
D.J.	5	US- 6,214,493 B1	04-10-2001	Bruce	Entire document
D.J.	6	US- 5,962,166	10-05-1999	Ein-Eli	Entire document
D.J.	7	US- Pub. No.: US 2002/0150530 A1	10-17-2002	Gao	Entire document
D.J.	8	US- Pub. No.: US 2003/0087154 A1	05-08-2003	Ohzuku	Entire document
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FOREIGN PATENT DOCUMENTS

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
D.J.	9	WIPO 03/015198 A2	02-20-2003	Dahn	Entire document	
D.J.	10	EP 1 137 598 B1	04-23-2003	Gao	Entire document	
D.J.	11	EP 1 189 296 A2	03-20-2002	Paulsen	Entire document	

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
D.W.	12	G. CEDER, D. CARLIER, C. GREY, J.P. GORMAN, AND J. REED, "The Local Structure and Electrochemical Behavior of Li (Li,Ni,Mn) O ₂ Compounds", LIBD 2003 - Electrode materials, September 14-19, 2003, Abstract No. 53 - Oral, Arcachon, France.	
	13	ALASTAIR D. ROBERTSON, A. ROBERT ARMSTRONG AND PETER G. BRUCE, "Extracting Lithium Beyond Mn ⁴⁺ in Lithium Manganese Oxide", LIBD 2003 - Electrode materials, September 14-19, 2003, Abstract No. 57 - Oral, Arcachon, France.	
	14	ZHONGHUA LU, L. Y. BEAULIEU, R. A. DONABERGER and J. R. DAHN, "Synthesis, Structure, and Electrochemical Behavior of Li[Ni _{1/3} Li _{2/3} Mn _{2/3} -x/3]O ₂ ", Journal of The Electrochemical Society 149 (6) A778-A791, 2002, A778 - A791, The Electrochemical Society, Inc.	
	15	S.-S. SHIN, Y.-K. SUN, and K. AMINE, "Synthesis and electrochemical properties of Li[Li(1-2x)/3Ni _{1/3} Mn(2-x)/3]O ₂ as cathode materials for lithium secondary batteries", Journal of Power Sources 112, 634 - 638, 2002, Journal of Power Sources, Elsevier Science B.V., www.elsevier.com/locate/jpowsour.	
	16	ZHONGHUA LU, D. D. MAC NEIL, AND J. R. DAHN, "Layered Cathode Materials Li[Ni _{1/3} Li(1/2-2x/3)Mn(2/3-x/3)]O ₂ for Lithium-Ion Batteries", Electrochemical and Solid State Letters, 4, 2001, A191-A194, The Electrochemical Society, Inc.	

Examiner Signature	<i>D. W. [Signature]</i>	Date Considered	11/3/06
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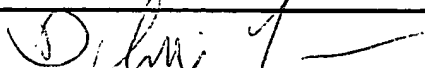
¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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dy	17	J. MOLEND, J. MARZEC, K. SWIERCZEK, M. ZIEMNICKI, W. OJCZYK, "The effect of 3d substitutions in the maganese sublattice on the electrical and electrochemical properties of manganese spinel", LiBD 2003 - Electrode materials, September 14-19, 2003, Abstract No. 31 - Flash oral, Arcachon, France.	
	18	KOICHI NUMATA, CHIE SAKAKI AND SHOJI YAMANAKA, "Synthesis and characterization of layer structured solid solutions in the system of LiCoO ₂ - Li ₂ MnO ₃ ", Solid State Ionics 117, 1999, 257-263, Solid State Ionics, Elsevier Science B.V.	
	19	BRETT AMMUNDSEN, JENS PAULSEN, ISOBEL DAVIDSON, RU-SHI LIU, CHIH-HUNG SHEN, JIN-MING CHEN, LING-YUN JANG, AND JYH-FU LEE, "Local Structure and first Cycle Redox Mechanism of Layered Li _{1.2} Cr _{0.4} O ₂ Cathode Material", Journal of The Electrochemical Society, 149, 2002, A432-A436, The Electrochemical Society, Inc.	
	20	R. V. CHEBIAM, F. PRADO, AND A. MANTHIRAM, "Structural Instability of Delithiated Li _{1-x} Ni _{1-y} Co _y O ₂ Cathodes", Journal of The Electrochemical Society, 148, 2001, A49 -A53, The Electrochemical Society, Inc.	
dy	21	J.-S. KIM, J. T. VAUGHEY, C. S. JOHNSON, AND M. M. THACKERAY, "Significance of the Tetrahedral A Site on the Electrochemical Performance of substituted Li _{1.05} Mn _{0.05} Mn _{1.90} O ₄ Spinel Electrodes (M = Li, Mg, Zn, Al) in Lithium Cells", Journal of The Electrochemical Society, 150, 2003, The Electrochemical Society, Inc.	

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Dy	22	YOUNGJOON SHIN AND ARUMUGAM MANTHIRAM, "Origin of the Capacity of Spinel LiMn ₂ -yLi _y O ₄ ± 6 (0 ≤ y ≤ 0.15) in the 5 V Region", Electrochemical and Solid-State Letters, 6 (12), 2003, A249-A251, The Electrochemical Society, Inc.	
Dy	23	C. STOREY, I. KARGINA, Y. GRINCOURT, I. J. DAVIDSON, Y.C. YOO, D. Y. SEUNG, "Electrochemical characterization of a new high capacity cathode", Journal of Power Sources 97 -98, 2001, 541-544, Elsevier Science B.V., www.elsevier.com/locate/jpowsour.	

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